

## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/SE 2004/001069

## A. CLASSIFICATION OF SUBJECT MATTER

IPC7: H04L 29/06 // H04Q 7/38, H04L 12/28

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: H04Q, H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE, DK, FI, NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 20030043773 A1 (HYOKANG CHANG), 6 March 2003 (06.03.2003), [0002];[0013];[0015];[0023]-[0024]; [0030]-[0031];[0058]-[0060]	1-3,14-18, 24-26
Y	--	4-11,19-22
X	WO 0163946 A1 (NEXTERNA, INC), 30 August 2001 (30.08.2001), page 3, line 2 - line 16; page 5, line 6 - line 36; page 7, line 1 - line 27, claims 16-22, abstract	1-3,14-18, 24-26
Y	--	4-11,19-22

 Further documents are listed in the continuation of Box C. See patent family annex.

\* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search.

15 Sept 2004

Date of mailing of the international search report

21-09-2004

Name and mailing address of the ISA/  
Swedish Patent Office  
Box 5055, S-102 42 STOCKHOLM  
Facsimile No. +46 8 666 02 86

Authorized officer

Peter Hedman/MN  
Telephone No. +46 8 782 25 00

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International application No.

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## C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 20030026211 A1 (LIN XU ET AL), 6 February 2003 (06.02.2003), claims 1,2, abstract, [0005]; [0017]-[0019];[0021]-[0022]	1-3,14-18, 24-26
Y	--	4-11,19-22
Y	US 20030076852 A1 (KIYOSHI FUKUI), 24 April 2003 (24.04.2003), claims 1,4,7,11, [0013]; [0034]-[0036];[0051]-[0055]	4-11,19-22
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**INTERNATIONAL SEARCH REPORT**  
Information on patent family members

31/07/2004

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US	20030043773	A1	06/03/2003	NONE		
WO	0163946	A1	30/08/2001	AU	3981901 A	03/09/2001
				US	6522884 B	18/02/2003
				US	20020046292 A	18/04/2002
US	20030026211	A1	06/02/2003	AU	2521201 A	16/07/2001
				CN	1425256 T	18/06/2003
				EP	1247407 A	09/10/2002
				FI	108593 B	00/00/0000
				FI	992850 A	01/07/2001
				WO	0150790 A	12/07/2001
US	20030076852	A1	24/04/2003	JP	2003134031 A	09/05/2003